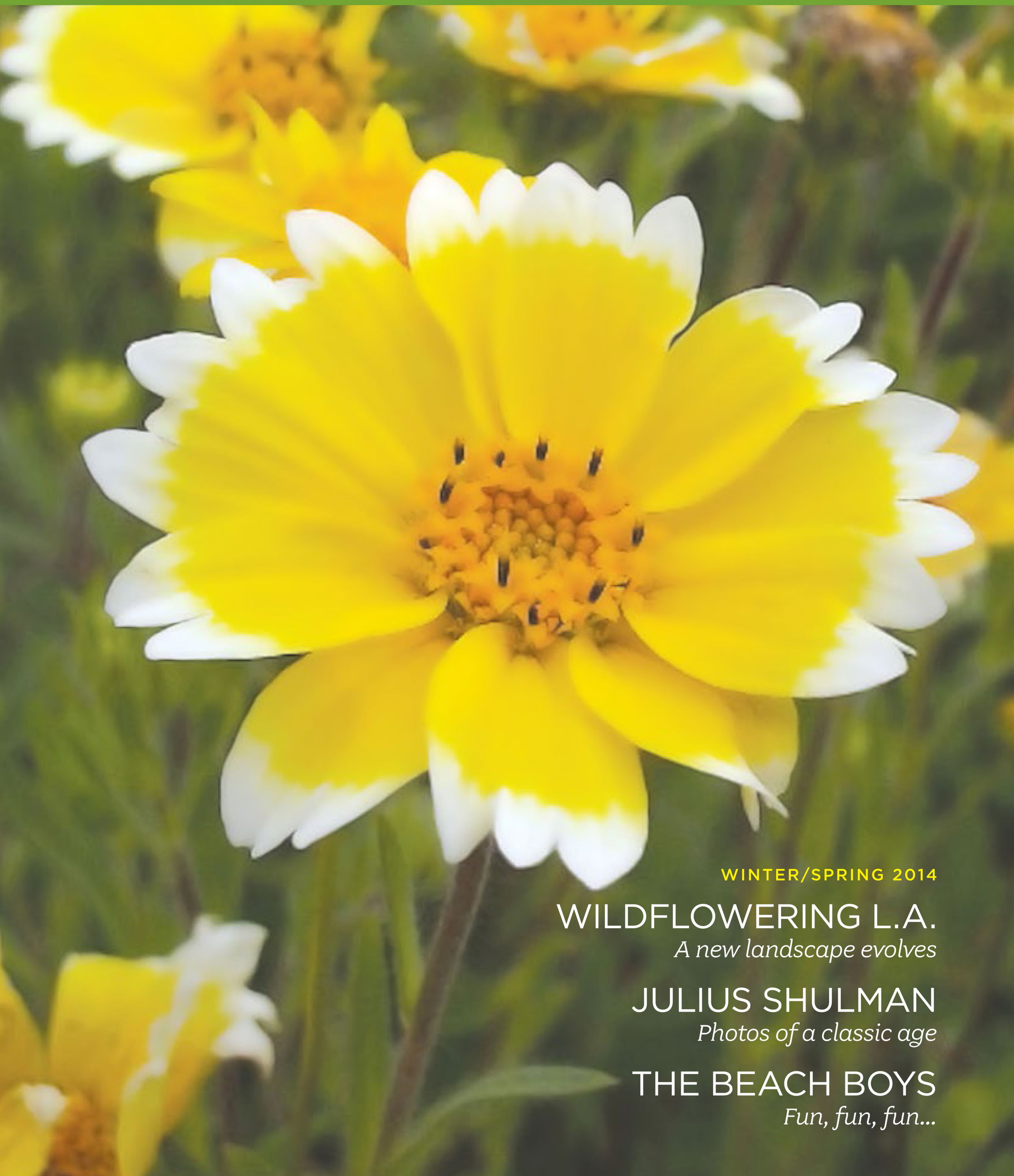
Exploring the ARBORETUM

MAGAZINE FOR THE MEMBERS OF THE LOS ANGELES COUNTY ARBORETUM AND BOTANIC GARDEN



WINTER/SPRING 2014

WILDFLOWERING L.A.
A new landscape evolves

JULIUS SHULMAN
Photos of a classic age

THE BEACH BOYS
Fun, fun, fun...

TURF TO WILDFLOWERS, ON TO THE FUTURE

What is the future of the Southern California lawn? Given a dwindling water supply and a thirsty region, lawns will inevitably be smaller, irrigated with optimal efficiency, or simply gone. All three futures can be seen at the Arboretum today, but "simply gone" is our primary focus in 2014.

This year another patch of Arboretum turf disappears, making way for native wildflowers as part of Wildflowering L.A., an initiative led by artist Fritz Haeg (see pages 6-7). As I write, seed is sown in a landscape just north of Baldwin Lake, dubbed the "Crescent" for its distinctive shape. The transition from turf to native annuals is a first step in utilizing this land to demonstrate compelling, climate-appropriate alternatives to conventional turf.

The Crescent promises an exciting future. As the wildflowers begin to fade this summer, we will develop new gardens that may draw from inspirations as varied as permaculture, plant ecology, and Native American foraging traditions. The resulting landscapes, presented as horticultural experiments, will hopefully encourage reconsideration of the continuing primacy of the front lawn. Yet change happens only when the right alternatives appear, and our ultimate goal is to demonstrate viable options for home gardens and public landscapes alike.

Fifty years ago, a burgeoning Southern California called upon the Arboretum to introduce new plants to beautify newly built communities. Today, a mature region calls on us to make the most of limited water, energy and space. The solutions will require innovation and receptivity to new forms of garden beauty and function. Thanks to your on-going support, the Arboretum is helping to show the way.

— Richard Schulhof, CEO

THE LOS ANGELES ARBORETUM FOUNDATION

Founded in 1948, the Foundation has provided new gardens, extensive education programs, and publications serving Southern California. Today, the Foundation leads a broad community of members, volunteers and donors in establishing the support needed to realize the Arboretum's potential as a premier public garden and educational resource.

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Exploring the ARBOREGUM

WINTER/SPRING 2014

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KIDS & FAMILY
A unique garden at the Children's Education Classroom

PHOTO OF CHILD BY DOLLY PAUL

On the cover: Wildflower, tidy tips (*Layia platyglossa*). Photo by Cliff Hutson

This is a publication of the Los Angeles Arboretum Foundation. The Los Angeles County Arboretum and Botanic Garden is governed through a private-public collaboration between the Foundation and the County of Los Angeles through its Parks and Recreation Department.

The Beach Boys from left, Christian Love, John Cowsill, Bruce Johnston, Randell Kirsch, Mike Love, Scott Totten and Tim Bonhomme

SURFIN' THE ARBORETUM

The Beach Boys continue to have fun, fun, fun, with no end in sight. The pop music group, which forever changed the musical landscape with its distinctive sound and style, will perform at the Annual Family Music Festival on Sunday, June 22, at the Arboretum. Their hugely successful *Sounds of Summer: The Very Best of the Beach Boys* album of 2003 (triple platinum with over three million in sales and climbing) marked a resurgence in the band's popularity around the world. The group is led by Mike Love and Bruce Johnston, who along with Christian Love, Randell Kirsch, Tim Bonhomme, John Cowsill and Scott Totten continue the legacy of the iconic American band, which celebrated its 50th anniversary in 2012. The concert is presented by Los Angeles County Supervisor Michael D. Antonovich. For details, visit *arboretum.org*.

SPRINGTOPIA! A WORLD OF PLANTS

Join us on May 3 and 4 for SpringTopia!, a weekend celebration of all the beauty and inspiration the Arboretum has to offer during the season. Our two-day event will feature the Wildflowering L.A. exhibit (see page 6) , a special lecture by Carol Bornstein, co-author of *Reimagining the California Lawn*, and learning opportunities for children, adults and families. Our outstanding staff of experts will show you the best plants, trees, roses, vegetables and gardening techniques for Southern California. Free tram tours for Arboretum members will feature plants from around the world, particularly those well suited to Southern California. The Gift Shop will be stocked with great native plants from the Theodore Payne Foundation as well as lovely spring-themed gifts. Entertainment, food, and kid-friendly activities will add to the festivities. Join us for beauty, fun and inspiration! Details soon at *arboretum.org*.

THE PASADENA POPS IS BACK FOR A THIRD SUMMER!

A year after his critically acclaimed debut as principal conductor of the Pasadena POPS, Michael Feinstein returns with a super summer lineup. Arboretum members receive 10% off regular ticket prices. Visit pasadenasymphony-pops.org.

Feinstein's Favorites
Saturday, June 7
Michael Feinstein, conductor, guest artists to be announced

Tena Clark & Leading Ladies of Song
Saturday, June 28
Tena Clark, composer, songwriter, producer, Larry Blank, conductor

Michael Feinstein SINGS Gershwin
Saturday, July 19
Michael Feinstein, soloist
Larry Blank, conductor

Hurray For Hollywood
Saturday, August 16
Michael Feinstein, conductor, guest artists to be announced

New York, New York!
Saturday, September 6
Michael Feinstein, conductor, guest artists to be announced

MICHAEL FEINSTEIN PHOTO BY ZACH DOBSON

California home garden design and plants: Looking back 50 years

Everyone seems to love "mid-century modern" don't they? The television show "Mad Men," about the advertising business in the 1960s, is all the rage. Architecture and furniture of that era is back in vogue. Landscape design from that period is attracting new followers.

The Arboretum Library is a comprehensive resource for garden design and plant information published between 1940 and 1970. I did a very simple search, using the keyword "garden" in the online catalog and limiting it to those publication dates. There were 680 different titles that came up. I gathered about three shelves worth of the items and put them on the tables. Folks were agog at the visuals presented before them.

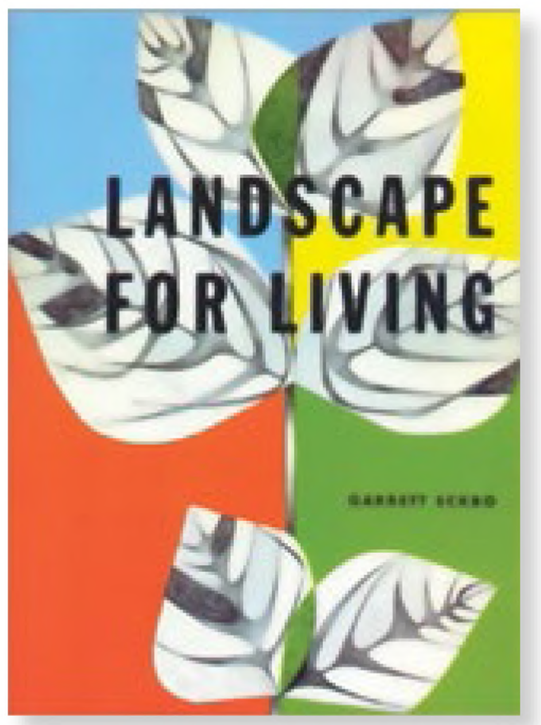
The mid-century aesthetics are appealing: all those clean lines, pictures of the same mid-century outdoor furniture that I have at home and cherish (a butterfly chair and a Barwa chair) and the idea that the outside and the inside have a close relationship to each other, especially in Southern California. What we can take away from many of the books are detailed plans for mid-century garden accoutrements and wonderful ideas for designing your yard. That's all good.

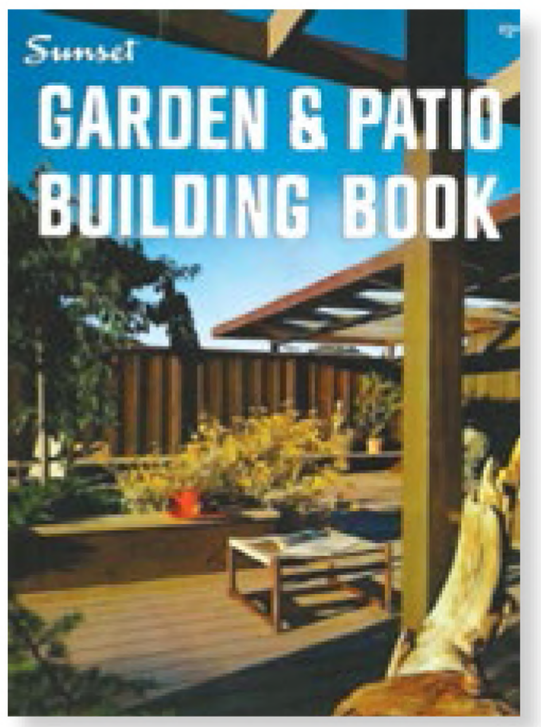
Then I looked deeply at *Sunset Planting Ideas for Your Southern California Garden* (Menlo Park, Calif.: Lane Publishing, 1951), *Landscape for Living* by Garrett Eckbo (New York: Architectural Record with Duell, Sloan, & Pearce, 1950), *Gardens Are for People* by Thomas D. Church (New York: Reinhold Publishing, 1955) and *Sunset Garden & Patio Building Book* (Menlo Park Calif.: Lane Publishing, 1960). I discovered that the past in those books isn't as perfect as it seems. Of the plant recommendations, 80% are climate inappropriate (water then seemed abundant but now we know it isn't) and there's even an ode to asphalt for garden pathways and patio paving. Hot, sticky petroleum products for a garden?

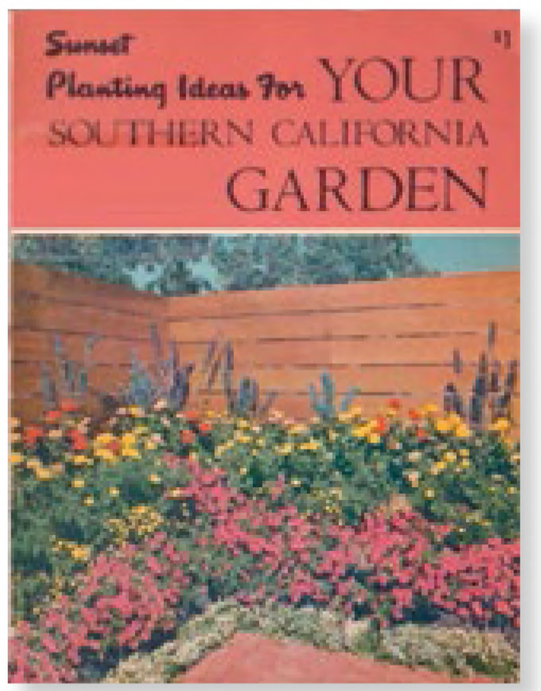
A search for plant alternatives recommended 50 years ago, led me to the Arboretum's publication LASCA Leaves (currently online at *biodiversitylibrary.org/bibliography/63536#/summary*). In many issues, the Arboretum introduced plants from South Africa, southwestern Australia and other areas that share Southern California's Mediterranean climate. LASCA Leaves also provided a scholarly approach to picking plants for various purposes such as fire-resistance and succulent groundcovers.

As with all things of the past: Enjoy and preserve the best parts and cast out or adapt outdated ones. When it comes to reinventing mid-century for garden design and plants, keep in mind sustainability (climate appropriateness, non-invasive and drought-tolerant) when cruising through the resources. It is the Arboretum Library's job to preserve these resources, to gather the past as well as the present so we can continue to learn.

— Susan C. Eubank, Arboretum Librarian







The books shown above are among the 680 titles on garden design and plant information published between 1940 and 1970. *Sunset* covers courtesy of *Sunset* Publishing Corp.

Ten 1950s plants that still sing from *Sunset Planting Ideas for Your Southern California Garden* (Menlo Park, Calif.: Lane Publishing, 1951)

TEXAS RANGER,
Leucophyllum frutescens (formerly *L. texanum*)
ROSEMARY,
Rosmarinus officinalis
LEMONADE BERRY,
Rhus integrifolia
OUR LORD'S CANDLE,
Hesperoyucca whipplei (formerly *Yucca whipplei*)
ALEPPO PINE
Pinus halepensis
BLUE PALO VERDE,
Parkinsonia florida (formerly *Cercidium floridum*)
SPANISH LAVENDER,
Lavandula stoechas
ARTICHOKE,
Cynara cardunculus
MATILIJA POPPY,
Romneya coulteri
CHASTE TREE,
Vitex agnus-castus

WILDFLOWERS RETURN TO THE

Artist Fritz Haeg leads an initiative to return manicured urban spaces back to nature.

"On October 22, 2013, one acre of lawn at the Los Angeles Arboretum was just removed today," artist Fritz Haeg wrote on his website, "in preparation for a long term project I am in the early stages of planning, but initially as the flagship of 50 sites across Los Angeles County for Wildflowering L.A."

Wildflowering L.A. is a native wildflower seed planting initiative designed to bring wild, seasonal and beautiful native landscapes to different sites in the county. At the Arboretum, the acre cleared of turf will be transformed into the Crescent Garden, an experimental landscape uniting California natives with sustainable gardening methods such as *hügelkultur* (see photo opposite page).

Haeg, internationally known for his edible landscapes from Salina, Kansas to Budapest, Hungary, is the author of *Edible Estates: Attack on the Front Lawn*. He now wants to help Los Angeles return to its natural beauty, and to begin a rethinking about urban landscapes away from clipped evergreen shrubs and manicured lawns.

"Wildflowering L.A. is an evolution of my work toward looking at more wild and natural landscapes and my interest in natural spaces as communal spaces to be shared," he explained during a December visit to the Arboretum. The Crescent, for example, includes earth mounds, swales, walking paths and a log seating circle for conversations.

"In Los Angeles, people don't think we have seasons," he noted. The artist sees the seasons of Los Angeles in the story of the wildflowers. He has written, "Long-anticipated early winter rains germinate seeds that have been lying in wait, buried in dry soils from the low coasts to the high deserts, from the valley flats to the mountain slopes. Gradual growth with cool temperatures and low sun through winter months give way to an early spring explosion of bright green and rainbow color.

"The story of the seasons is told by the timing and extent of the bloom in direct proportion to the rainfall, temperatures, and climate. The plants turn a crisp golden brown as the dry summer months return, and the flowers prepare to broadcast their seeds for next year's story."

Witness this seasonal transformation at the Crescent. Join our community effort as we care for the wildflowers, protect them from birds and weed their beds so that they bloom into the spring. When you visit the Crescent and share photos, postings, and comments on Instagram, Twitter or Facebook, be sure to use the hashtags #wildfloweringla and #site22.

Wildflowering L.A. is presented by LAND (Los Angeles Nomadic Division), which received a grant from the James Irvine Foundation and is working in partnership with the Theodore Payne Foundation for Wildflowers and Native Plants. Learn more about the initiative at *wildflowering.org*.

BEFORE AND AFTER PHOTOS BY FRITZ HAEG; WILDFLOWERS PHOTO BY KEN GILLILAND

Sowing for a Beautiful Spring

by LILI SINGER

Long before humans occupied the land where the Arboretum now stands, coastal sage scrub and oak woodlands swathed the rolling terrain. And every spring masses of native wildflowers imbued the landscape with color and texture. Fast forward to fall 2013 when artist Fritz Haeg's Wildflowering L.A. initiative championed the removal of nearly an acre of turf grass and subsequent sowing of 20 (yes, 20!) pounds of California native wildflower seeds on Arboretum grounds.

The Arboretum's new wildflower meadow — a brilliant model for a true California spring — can be duplicated successfully at any scale in home gardens by following these sowing and growing guidelines.

Site preparation: Remove all existing weeds or grass, taking care not to dig or till below 3-4 inches of soil (digging deeper will bring up dormant weed seeds). Level the soil with a rake. To help the seeds adhere, wet down the soil before sowing the seeds.

Sowing: Combine one part seeds with three parts horticultural sand ("sharp sand," of washed lime-free quartzite) and scatter evenly over the area to be planted. No need to cover or bury the seeds.

A tip: Sow a small amount of your seeds in a container, so that you can identify which seedlings in the garden are desired wildflowers and which are unwanted weeds to be removed.

Watering: "Water in" your seeds immediately after sowing, using a shower nozzle or fan spray hose attachment or an oscillating sprinkler. Water thoroughly but gently, taking care not to dislodge the seeds or create puddles or rills in the soil.

For the first 2-3 weeks, check soil daily and water when the top surface is dry. This might be daily during warm or windy weather and less often if it's cool or overcast. Keep the soil moist but not soggy. Most wildflower seeds should germinate within 7-14 days.

Once seedlings are 3-4 inches tall, reduce your watering to no more than every 7-10 days. Always soak the soil thoroughly—never a little bit. Occasional watering throughout the blooming period will extend the show. Come spring, enjoy the beauty and wonder of California's unique and remarkable wildflowers, as well as the insects, birds and neighbors that will appreciate your efforts!

Lili Singer is Director of Special Projects and Adult Education at the Theodore Payne Foundation.

The acre where the turf, photos above, was removed and planted with a special wildflower seed mix is designated as site #22 of Wildflowering L.A. *Hügels*, mounds of soil piled over logs, are part of an experiment with *hügelkultur*, a European technique to build soil fertility and improve moisture retention.

The native plant seed mix used at the Arboretum is composed of:

Achillea millefolium
(common yarrow)
Clarkia purpurea
(winecup clarkia)
Clarkia unguiculata
(elegant clarkia)
Eschscholzia californica
(California poppy)
Gilia tricolor
(bird's-eye gilia)
Layia platyglossa
(tidy tips)
Lupinus truncatus
(collared annual lupine)
Stipa pulchra
(purple needle grass)

Bill Wilk takes a break from attending to his beloved daylilies.

Daylily Garden Benefits from Bill Wilk's Volunteering

Rain or shine, heat or cold, volunteer Bill Wilk is in the Daylily Garden nearly every week, and sometimes more frequently. The retired chemistry professor travels from his home in Pacific Palisades to the Arboretum, even during the heat of summer, all for his love of daylilies, and perhaps to bask in our heat.

Since 2007, Bill has been active in acquiring daylilies, hybridizing them, planting, fertilizing, weeding, curating and maintaining a log of the cultivars held in the collection. He also files the renewal papers to the American Hemerocallis Society (AHS) to maintain the garden's display and historical status each year.

The Daylily Garden, containing both recent cultivar introductions and historical cultivars, was established in 2006 with support from the Southern California Hemerocallis and Amaryllis Society (SCHAS). Frank Cusenza was the first SCHAS member to work mostly alone in the founding and early development of the Daylily Garden. Subsequently, Bobbie and Frank Hogancamp and Bill Wilk provided assistance. SCHAS members donated all of the plants used in the initial design of the garden. They have maintained and curated the garden with assistance from Arboretum staff.

When asked why he is so devoted to daylilies, Bill responded, "It's obvious! With 75,000 registered varieties (many look similar) and the fact that when breeding crosses are made, over 75% of the offspring bloom differently from the parents. This gives tremendous variety in color, shape, size and growth habit. After a cross, one gets a blooming plant in two years (as compared to 7 to 10 years for orchids). And in Southern California the main bloom period is May and June, but reblooms occur in summer and fall. Even though a single flower lasts only one day (hence daylily), each bloom stalk can have up to 25 or more buds. So a clump of 6 plants can possibly have 6 times 25 or 150 blooms and only a few open each day for over a month."

Beyond the beauty and plasticity of daylilies, Bill explained, "Daylilies are messy plants with dead leaves and flower scapes, and they require regular watering and fertilizer. With [our] scarce water resources, these may not be the ideal plant for Southern California. In fact Bill Maryott, a California hybridizer and grower, sells only 10% of his daylilies in California." Despite these constraining cultural requirements daylilies will continue to hold an important role in our landscape designs because of their beautiful flowers, resilience and durability.

The Daylily Display Garden is extremely fortunate to benefit from the continued expertise, love, enthusiasm, dedication, hard work and time of Bill. It would be far less without his invaluable contributions.

—James E. Henrich is curator of living collections at the Arboretum

LIFE LESSONS IN THE ART OF IKEBANA

Reiko Kawamura gathered with some of her students for a photo on her last day of teaching Japanese flower arrangement at the Arboretum. Since 1979, her ikebana classes have attracted hundreds of students to the Arboretum and to South Coast Botanic Garden in Palos Verdes Peninsula. She is retiring to spend more time with her family, but ikebana classes will continue at the Arboretum with Yumiko Kikkawa.

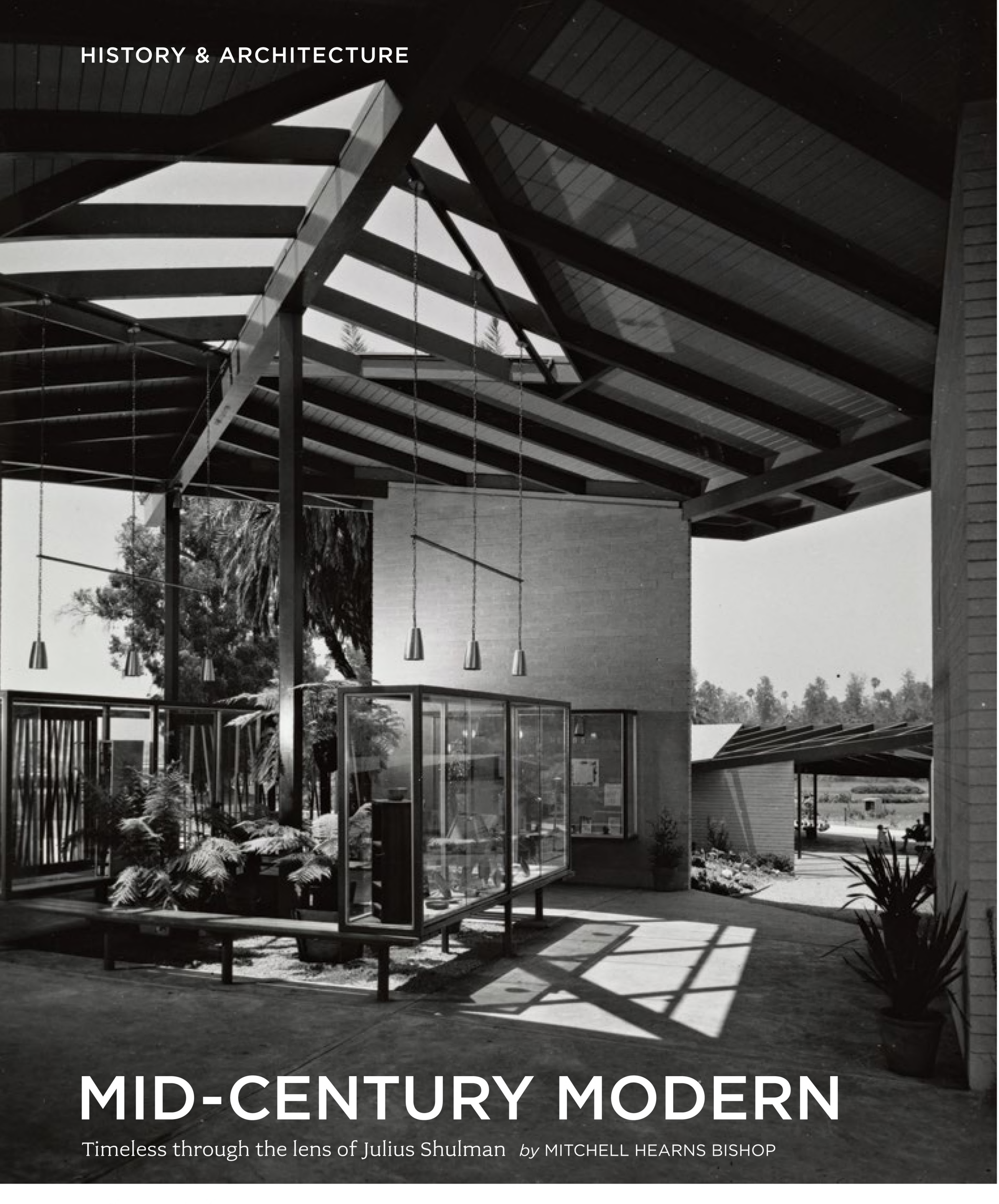
The Tokyo-born Mrs. Kawamura studied the Ohara style of ikebana as a young girl. She started teaching in Columbus, Ohio in 1964 when her husband was a doctoral student at Ohio State University. She was asked to teach after a meeting of the Ikebana International Club in Columbus where Ellen Gordon Allen, the club's founder, was a speaker. Mrs. Kawamura's mother had taught ikebana to the American officer's wife in Tokyo after World War II and had helped her start the club.

Mrs. Kawamura has been a perfect match for the Arboretum. As the elegant and petite *sensei* (teacher) explained it, "The Ohara style is to emphasize the natural beauty of the plant material. We have landscape arrangements that are very much seasonal. At the same time we take advantage of the natural beauty with abstract design. Sometimes we don't use flowers; sometimes we shred the material—it's the transformative."

Meet our Visitors Services Team

At your service in the rotunda are members of our new Visitor Services Team. They greet guests, answer your questions and connect you to Arboretum resources that you may find informative and helpful. The new staff and other changes in the rotunda are part of the new joint operating agreement between the County of Los Angeles and the Arboretum Foundation which took effect July 1, 2013.

Members of the Visitors Services Team from left: Trevor Perrin, Robin Sease, Gordon Avant, Alex Dunn, Kristen Barker, and Sonia Tinsley.



MID-CENTURY MODERN

Timeless through the lens of Julius Shulman

by MITCHELL HEARNS BISHOP

Julius Shulman, the photographer of iconic mid-century Los Angeles architecture, took these pictures of the Arboretum's new buildings in 1957. Designed by architects Ulysses Floyd Allison and George B. Rible, they neatly fit with the type of contemporary design and modern homes that Shulman made famous with his luminous photos. Shulman, who was friends with Richard Neutra and other modernist architects of that era, essentially invented the field of architectural photography in its finest form. As the Arboretum and its programs grew and changed over time, buildings were added and altered for new uses. Most of the alterations were done by Allison and Rible who worked together until 1964. Overall, the complex around the entrance retains a strong mid-century modern appearance.

Mitchell Hearns Bishop is curator of historical collections at the Arboretum

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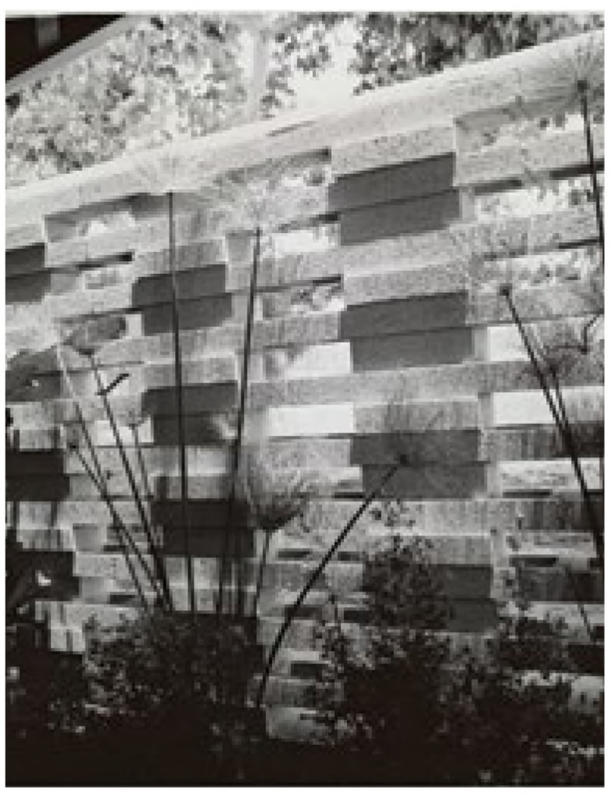

The Entry Pavilion, opposite, as it was originally built in 1957. This structure, designed by Allison and Rible was subsequently enclosed and today is the Arboretum's Gift Shop.

The Rotunda, top left, originally was a reception area for the administration building, which is the wing on the right. The present day library was added later on the left.

Top right, A view of the conference room patio shows the architectural design.

Above: A detail of the decorative treatment of the patio cinder block wall. Allison and Rible were known for innovative work in concrete.

Right: Shulman's famous 1960 photo of Case Study House No. 22 designed by architect Pierre Koenig.

ASK OUR EXPERTS

Frank McDonough, botanical information

When it comes to plants, the Arboretum is one of the most respected and accessible sources of information about Southern California flora. The Arboretum is the only public garden in the region to have someone on staff like Arboretum botanical information consultant Frank McDonough, who specifically assists the public with plant questions.

He answers hundreds of inquiries, teaches plant information classes, conducts special tours and shares the beauty of garden with his stunning photographs. He works with Arboretum plant experts: James E. Henrich, curator of living collections, Susan Eubank, Arboretum librarian, and Timothy Phillips, superintendent. As a licensed pest control advisor, Frank also assists entomologists from UC Riverside who study insects at the Arboretum. Frank recently discussed plant information.

Question: In this era of online information for practically everything, what distinguishes the Arboretum in the plant information universe?

Answer: No matter what is online there are no good diagnostic programs for plant identification, plant diseases and insect problems. We provide a place where you can bring plant samples, bring images, send descriptions, talk on the phone and interact with an expert. "Interact" being the key! With many horticultural problems, this interaction is necessary to find a solution to the problem. For instance, there are dozens of reasons why roots rot. Some are fungal, some are bacterial, some have to do nutrients in the soil or soil conditions. Without being able to ask the right questions, it may take a long time to find out what's going on with your plant and by that time, it may be too late.

Q. What is the geographic range from which you get inquiries?

A. I got an inquiry in October from Boston, from a gentleman who was having trouble growing citrus on the 9th or 10th floor inside a very nice balcony. After much back and forth, we figured out that lack of circulation was the problem and the solution was to install fans. I get calls from the Midwest. I get a lot of calls from the East, asking what's blooming when people are coming out for the holidays or the Rose Bowl or Rose Parade. A few times a year, I get calls from other countries.

Q. Which insects or pests should we be worried about?

A. The Polyphagous Shot Hole Borer (*Euwallacea sp.*), a beetle newly discovered in Southern California, is considered a threat to our urban and wild forests. The insect has been found in coast live oaks, sycamores, white alder, red willows and the list is growing. We're working with the UC Riverside team researching the shot hole borer.

Q. What are the signs or symptoms of a really sick plant as compared to one that is either overwatered or under watered?

A. There is very little difference. That's why you have to bring it [plant] in. It's very hard to tell whether a problem is the result of overwatering or a fungus. The symptoms are the same. Plants die of lack of oxygen, or anaerobic fermentation, or they die from root rot from overwatering. Frequent watering causes conditions that give rise to other problems.

Q. Is it OK to bring in a sick-looking plant or weird bug to you at the Arboretum?

A. Yes, but make sure that it is in some kind of sealed container. Don't just bring in a branch; make sure it is in a plastic bag. Please seal up your pest. It can be alive or dead, but it has to be intact so I can compare its structure.

Q. Which plants or trees, if any, are waning in popularity

A. Lawns are becoming less and less popular. What's nice is that people are asking what to use for low-water plants. My favorite is *Dymondia*, which is a South African daisy relative. It's very low growing. Once you get it established after a couple years, you only water it once a month.

PEST ALERT

Southern California is blessed with extremely mild weather year around that supports a landscape full of exotic plants. Combine these two elements and you have a region that is a virtual smorgasbord for invasive pest species. Consult either of the two following extremely informative and up-to-date websites for information about identifying current invasive species, how to control them and additional resources.

County of Los Angeles, Agricultural Commissioner/Weights & Measures website for Entomology and Plant Pathology Laboratories that outlines California's Most Wanted Insect Pests. It features pests of landscapes; pests in agricultural settings; pests of stored products, household goods and structures; and pests that sting and bite (of medical importance); as well as, plant diseases.
http://acwm.lacounty.gov/scripts/pestpdf.htm

The University of California, Riverside, Center for Invasive Species Research website details invasive species in the following categories: aquatic, citrus pests, beetles and plants.
http://cisr.ucr.edu/invasive_species.html

—James E. Henrich, curator of living collections at the Arboretum

Thursday Garden Talks with Lili Singer

WINTER SESSION

Thursdays, January 9 — February 27; 9:30am—Noon; Palm Room
$100 for the series, $20 per class; Reservations or you may pay at the door.
Please note special times for field trips which are self-driven and require pre-registration.
For information and registration: 626.821.4623 or jill.berry@arboretum.org

Bullet-proof Interior Plants
JANUARY 9
with Dave Lannom, horticulture professor at Mt. San Antonio College

From Bananas to Cherries: Selecting and Tending Fruit Trees
JANUARY 16
with Kazi Patelka, who has grown fruit in Southern California for 33 years

Garden Design: Shaping Spaces around Your Plant List
JANUARY 23
with Marilee Kuhlmann, founder of Comfort Zones Garden Design

The Rise, Decline and Rise of Food Preservation
JANUARY 30
with Ernest Miller, chef, food historian, gardener and educator

Dreams and the Dream Landscape
FEBRUARY 6
with Paul Comstock, landscape architect

The Birder's Garden
FEBRUARY 13
with Steve Gerischer, owner of Larkspur Garden Design

Field Trip: The Audubon Center at Debs Park, Northeast Los Angeles
FEBRUARY 20
Pre-registration required

Gardening with History, a Special Presentation
FEBRUARY 27
with the Arboretum's curator of historical collections Mitchell Hearns Bishop, curator of living collections James E. Henrich, tree expert Donald R. Hodel and Arboretum CEO Richard Schulhof

SPRING SESSION

Thursdays, March 6—April 24; 9:30am—Noon; Palm Room
See above for details.

PARROT PHOTO BY CALIFORNIAFLOCKS.ORG.

The Wild Lives of Parrots in California
MARCH 6
with Salvatore Angius, creator of Californiaflocks (*californiaflocks.org*)

Field Trip: Theodore Payne Foundation for Wild Flowers & Native Plants, Sun Valley
MARCH 14
10:00am-1:00pm; pre-registration required

Enjoying Herbs Every Day!
MARCH 20
with Karen England of Edgehill Herb Farm, a home-based business (*edgehillherbfarm.com*)

Field Trip: Three San Gabriel Garden Gems, unique Arboretum-close home landscapes
MARCH 27
10:00am-12:30pm; pre-registration required

Super Spring Arboretum Tram Tour
APRIL 3
with superintendent Timothy Phillips and Arboretum staff

Mosaic Brick Workshop
APRIL 10
with Leigh Adams, artist and garden designer

Introduction to Native Bees of California
APRIL 17
with Hartmut Wisch, a contributing editor at *bugguide.net*

Too Much is Not Enough: More Smoker Plants for California
APRIL 24
with Nicholas Staddon, director of new plant introductions for Monrovia Growers

Palm fronds provide shade cover for the outdoor classroom.

Growing a Meadow, Mending Broken Ground

by MATTHEW GELDIN

"Scorched earth," that's how I affectionately referred to the area in front of the new Children's Education Classroom built for scholastic programming and Summer Nature Camp at the Arboretum. As the former Plant Introduction Greenhouse, the site had been collecting fertilizer runoff in the soil for years. The space had become unsuitable for gardening but needed to become a productive garden to support an outdoor classroom and improve the aesthetic value of the area. Testing showed that the soil was severely compacted, with a phosphorous and potassium load that exceeded optimal levels by seven times, and only a 4% concentration of organic matter.

Though the ultimate purpose of the space is to facilitate outdoor education, it was clear that every component of the design also needed to support soil remediation in order to develop a successful garden. Instead of excavating and filling with new soil or heavy tilling-in of amendments, I designed the garden to leverage nature's own soil healing processes. The space will be filled with plants that fix usable nitrogen from the air into the soil, have large roots that break up compacted soil, and attract beneficial insects to promote the on-going health of the space. Before planting, we did bring in some additional garden soil, but significantly less than if we were using conventional techniques. Though this is a longer-term strategy, it has the additional benefit of providing unique learning opportunities as the soil improves over time.

There are four elements to this garden: a soil remediation meadow, butterfly planters, bug hotels and an outdoor classroom. The meadow will be planted with a custom seed blend (see box right) on 3 inches of added soil mix. The soil mix acts as an organic amendment and protective mulch for the existing soil. Once the meadow plants mature, they will be cut and layered on the ground to increase organic matter in the soil.

The Children's Education Classroom, above, bamboo bug hotels, left

The butterfly planters are constructed with compressed mulch, sourced from the Arboretum's own green waste, which will break down into more organic matter to feed into the soil. The beds are being planted with *Asclepias, Achillea, Monardella* and other pollen-rich plants to support native butterflies like swallowtails, checkerspots, and the increasingly threatened monarch.

Bug hotels provide habitat for spiders, beetles, predatory wasps, and other garden insects. I made our hotels from Arboretum bamboo and bits of twigs, feathers, and rope. The insects build their homes in the openings and crevices. Bug hotels are a great home project and many designs are even easier to build than making a birdhouse. There are many tutorials and inspiration images online.

The outdoor classroom was also constructed from bamboo sourced within the Arboretum. It was built by hand using bamboo staves set with bamboo pins and lashed with rope. It is loosely covered with palm fronds for shade. The classroom provides an engaging learning environment within the garden to explore the life cycles of plants and bugs and the development of healthy soil.

In designing and constructing this garden I came to realize that it not only suits the specific needs of the space, but that it is also a reflection of my own background. The garden incorporates elements of my education and experiences in studying landscape architecture at Cal Poly Pomona, materials foraging and environmental construction in Thailand, and pioneering (wood and rope lashing) projects in Boy Scouts. It has been an honor to participate in progressive garden design here at the Arboretum.

Meadow Plants

Nitrogen fixers:
Clover, alfalfa

Soil busters:
Daikon radish, carrot

Good bug attractors:
Calendula, fennel, yarrow

Native bug attractors:
Gilia, lupines, poppies

PHOTOS BY MATTHEW GELDIN, FRANK MCDONOUGH, DOLLY PAUL

SPRING NATURE CAMP

As the Arboretum sheds winter and comes alive with spring, children ages 5-10 will have a marvelous opportunity to experience nature's seasonal transformation at Spring Nature Camp. The one-week session will be a memorable time of discovery, wonder and learning in the garden. There will be explorations, arts, crafts and more. All activities are led by instructors and guided by counselors. So bring your child for a week of fun at the Spring Nature Camp!

ONE-WEEK SPRING SESSION APRIL 7-11

FULL DAY:
9am-3:30pm;
$300 members;
$335 non-members;
10% sibling discount;
T-shirt included

HALF DAY:
9am-Noon;
12:30-3:30pm;
$150 members;
$168 non-members;
10% sibling discount;
T-shirt included

DAILY: $65 members;
$70 non-members

EXTENDED CARE AVAILABLE:
Mornings:
$25 members;
$30 non-members
Afternoons:
$30 members;
$35 non-members

Registration for Spring Nature Camp begins in January. For more information, please contact Ted Tegart at ted.tegart@arboretum.org *or 626.821.5897. To register, call 626.821.4623.*

SUMMER NATURE CAMP

The natural wonderland of the Arboretum is a perfect place for your children or grandchildren ages 5-10 to enjoy summer. Nature, teamwork, exploration, imagination, and fun are just a few things the kids will enjoy at Summer Nature Camp. They will be active, out learning about plants, bugs and history. Your child may discover a "naturally' artistic" talent when we paint, draw, and sculpt crafts, using materials from the environment. All activities are led by instructors and guided by counselors. We look forward to welcoming your child to Summer Nature Camp!

DATES: ONE-WEEK SUMMER SESSIONS (M-F)

SESSION 1: JUNE 9-13
SESSION 2: JUNE 16- 20
SESSION 3: JUNE 23 - 27
HOLIDAY BREAK: JUNE 30 - JULY 04
SESSION 4: JULY 7-11
SESSION 5: JULY 14-18
SESSION 6: JULY 21-25
SESSION 7: JULY 28-AUGUST 1
SESSION 8: AUGUST 4-8

FULL DAY:
9am-3:30pm;
$300 members;
$335 non-members;
10% sibling discount;
T-shirt included

HALF DAY:
9am-Noon;
12:30-3:30pm;
$150 members;
$168 non-members;
10% sibling discount;
T-shirt included

DAILY: $65 members;
$70 non-members

EXTENDED CARE AVAILABLE:
Mornings:
$25 members;
$30 non-members
Afternoons:
$30 members;
$35 non-members

For more information, please contact Ted Tegart at ted.tegart@arboretum.org *or 626.821.5897. To register, call 626.821.4623.*

JANUARY AT THE ARBORETUM

EVENTS:

BAIKO-EN BONSAI KENKYUKAI SHOW & SALE
Saturday & Sunday,
January 18 & 19
10am-4:30pm; Ayres Hall
Free with admission; members free
This is the only show of deciduous, miniaturized trees in the United States.

GARDENING

ROSE PRUNING
Saturday, January 4
10am-1pm; Palm Room
Instructor: Jill Morganelli
$25 members; $30 non-members
You will learn everything you need to know about rose pruning.

THURSDAY GARDEN TALKS WITH LILI SINGER
Thursdays, January 9, 16, 23, 30
See page 13 for details.

HYPERTUFA POT WORKSHOP
Saturday, January 11
10am-noon
Ayres Hall & Driveway
Instructor: Steve Gerischer
$30 members; $35 non-members
Pre-registration required.
please call Class Registration at 626.821.4623
Hypertufa, a mixture of cement, coir peat and perlite, can be used to create "instant garden antiquities."

BASIC TREE & SHRUB PRUNING WORKSHOP
Saturday, January 25
10am-noon; Palm Room
Instructor: Rebecca Latta
$25 members; $30 non-members
A pruning lecture, demonstration and some hands-on practice presented by Rebecca Latta, an International Society of Arboriculture (ISA) certified arborist.

SEEING IS THE SEED: EXPLORING THE ARBORETUM AND A PLACE OF YOUR OWN WITH WORDS ON PAPER
2 Sundays, January 26
& February 9
9:30am—12:30pm; Oak Room
Instructor: Paula Panich
$60 members for both classes; $70 non-members
Pre-registration is preferred.
Please call 626.821.4623;
You don't have to consider yourself a writer to take this workshop, which will focus on the deep connection between storytelling and landscape (plants too).

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM TROPICAL—PARADISE WITH ORCHIDS AND A CHOCOLATE TREE
Wednesdays, January 8 & 15; 10:30am
Saturday, January 18; 10:30am
Meet at the Main Entrance.
Free with admission; members free
Enjoy plant and nature stories and a take-home craft. This program is recommended for ages 3-6.

FAMILY FUN CLASSES VALENTINE'S DAY DECORATIONS
Saturday, January 18
10am-noon
Meet at Main Entrance
$8 per child for members; $10 per child for non-members
Must be accompanied by an adult.
Pre-registration required.
Go green with cards and decorations made from recycled items!

COLLECTIONS

PLANT INFORMATION KEEPING THE PERFECT GARDEN CALENDAR: MAGNOLIA OR ALOE TOUR
Wednesday, January 8
1:30-3pm; Plant
Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB CLOSE RANGE: WYOMING STORIES BY ANNIE PROULX
Wednesday, January 8
7pm; Arboretum Library; *Free*
The book group explores the portrayal of western North American landscape in fiction, non-fiction, and poetry.

SANTA ANITA DEPOT TOURS
Tuesdays & Wednesdays;
10am-4pm. Sundays, 1-4pm
Free with admission; members free

DOCENT-LED WALKING TOURS
Tuesdays, Wednesdays
& Thursday; 10am
Free with admission; members free
No tours on the third Tuesday of the month.

ART

ART WORKSHOP
Mondays, January 6-February 24
9:30-11:30am; Oak Room
$40 members; $45 non-members
This is a self-directed workshop (no official instructor).

BOTANICAL ART & ILLUSTRATION: BASICS OF COLOR THEORY AND COLOR MAKING
Tuesdays, January 7, 14, 21, 28
10am-2pm (includes break for lunch)
Instructor: Cristina Baltayian
$255 members:
$275 non-members
Cristina is a member of the American Society of Botanical Artists and The Botanical Guild of Southern California.

IKEBANA: BASIC & ADVANCED
Fridays, January 10-February 28
Basic: 9:30-10:30am
Advanced:10:30am-11:30pm
Bamboo Room
Instructor: Yumiko Kikkawa
$72 members; $87 non-members; $40 materials fee payable to instructor
Learn about cultural traditions of Japanese flower arrangement.

GARDEN NIGHT PHOTOGRAPHY CLASS
Saturday, January 11
6-8pm; Meet outside the Main Entrance.
Instructor: Frank McDonough
$30 members; $35 non-members
Experience unique photographic opportunities in the garden.

FITNESS

YOGA IN THE GARDEN
Tuesday Evenings: 5:30-6:45pm
January 7, 14, 21, 28
Thursday Mornings:
9:30-10:45am
January 9, 16, 23, 30
Saturday, January 25;
9:15am-10:30am
$35 members; $40 non-members;
$15 drop in, per day
Instructor: Candyce Columbus
Join an hour-long rejuvenating session of traditional yoga.

FEBRUARY AT THE ARBORETUM

EVENTS

PACIFIC ROSE SOCIETY ANNUAL AUCTION

Saturday, February 1
9am-5pm; Ayres Hall
Free with admission; members free
The Pacific Rose Society hosts its annual auction of hard-to-find, unusual, new and direct-from-the-growers rose plants. More than 100 unique and beautiful roses will be available to the highest bidders.

MUSHROOM FAIR

Sunday, February 9
9am-5pm; Ayres Hall
Free with admission; members free
Los Angeles Mycological Society (LAMS) holds its annual Wild Mushroom Fair that will include demonstrations on growing, cooking, and identifying mushrooms.

VALENTINE'S DAY LOVE POTION TRAM TOURS

Friday, February 14
11am-noon; 2-3pm
$8 tram tour; regular admission applies, members free
Do something different with your Valentine! Bring your sweetheart to the garden and take a special tram tour with Frank McDonough, the Arboretum's botanical information consultant, who will talk about love potions from the garden. The Peacock Café will be open for lunch.

GARDENING

THURSDAY GARDEN TALKS WITH LILI SINGER

Thursdays, February 6, 13, 20, 27
See page 13 for details.

DECIDUOUS FLOWERING TREES AND FRIENDS

Saturday February 22
10am-noon; Palm Room
Instructor: Jerrold Turney Ph.D,
$25 members; $30 non-members
The one-hour lecture will focus on flowering trees and will be followed by a walk in the garden.

HORTICULTURAL SCIENCE (AT MT. SAN ANTONIO COLLEGE CLASS - AGOR 1)

Tuesdays, February 25- June 10
Instructor: Dave Lannom
5-9:30pm; Children's Education Classroom
$30 payable to the Arboretum; $167 to Mt. SAC
This for-credit class (3 units) will emphasize basic horticultural skills and techniques for gardening, nursery and landscape applications. Students must register through Mt. SAC before the first class (www.MTSAC.edu). For information, call Mt. SAC at 909-594-5611, x4540.

COOKING

PAUL RAGAN OF ALTAEATS RESTAURANT

Wednesday, February 12
3-5pm; Oak Room
$50 member; $60 non-members
Reservations required.
Please call 626.821.4623.
Paul Ragan is executive chef and co-owner of AltaEats in Altadena. It is a sophisticated yet neighborly spot that has become a foothill favorite despite the storefront's lack of signs. The restaurant is enjoying a dedicated following amid glowing reviews.

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM—BARN STORMING: YEE-HAW!

Wednesdays, February 5 & 19, 10:30am. Sunday, February 9, 10:30am
See page 16 for details.

FAMILY FUN CLASSES SEEDBALLS

Saturday, February 15
10am-12pm;
Meet at Main Entrance
$8 per child for members; $10 per child for non-members. Must be accompanied by an adult.
Pre-registration required.
Seed balls are made of clay and seeds. When mixed with water and rolled into balls, they become little adobe gardens.

COLLECTIONS

PLANT INFORMATION BARE-ROOT NURSERY TOUR OR TBA IF RAIN.

Wednesday, February 5
1:30-3pm; Plant Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB THE MOUNTAIN AND THE FATHERS: GROWING UP ON THE BIG DRY, A MEMOIR BY JOE WILKINS

Wednesday, February 5
7pm; Arboretum Library
See page 16 for details.

SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays, 10am-4pm. Sundays, 1-4pm
Free with admission; members free

DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays & Thursday; 10am
Free with admission; members free

ART

BOTANICAL ART & ILLUSTRATION: SPRING BULBS

Tuesdays, February 4, 11, 18, 25
See page 16 for details.

GARDEN NIGHT PHOTOGRAPHY CLASS

Saturday, February 8
6:30-8:30pm; Meet outside the Main Entrance.
See page 16 for details.

FITNESS

YOGA IN THE GARDEN

Tuesday Evenings:
5:30-6:45pm
February 4, 11, 18, 25
Thursday Mornings:
9:30-10:45am
February 6, 13, 20, 27
Saturday, February 22;
9:15am-10:30am
See page 16 for details.

PASADENA HUMANE SOCIETY: DOG OBEDIENCE CLASSES AT THE ARBORETUM

February 3-March 3
$130 General Registration; $110 Arboretum members and PHS adopters; $70 Arboretum & PHS and volunteers
This five-week course at the Arboretum allows you and your dog to progress in your training. For specific course details and to register, fill out the most recent registration form at www.pasadenahumane.org or call the Behavior & Training Helpline, 626.792.7151, ext.155.

MARCH AT THE ARBORETUM

EVENTS

MONROVIA ROCK HOUNDS SHOW & SALE
Saturday & Sunday, March 1 & 2
9am-4:30pm; Ayres Hall
Free with admission; members free
Gems, minerals, fossils, geodes, and jewelry will be displayed at this annual gem and mineral show.

IKEBANA INTERNATIONAL SHOW & SALE
Saturday, March 15, 11am-4:30pm. Sunday, March 16, 9am-4pm. Ayres Hall
Free with admission; members free
Different schools of Japanese flower arrangement will be represented from classical to avant-garde.

GARDENING

THURSDAY GARDEN TALKS WITH LILI SINGER
Thursdays, March 6-April 24
See page 13 for details.

ORGANIC FRUIT & VEGETABLE GARDENING
Saturday, March 8
12-4pm; Palm Room
Instructor: Jill Morganelli
$25 members; $30 non-members
Learn how to grow fruits and vegetables organically.

GARDEN PESTS 101 WHAT YOU NEED TO KNOW ABOUT MANAGING PESTS
Saturday, March 22
10am-noon; Palm Room
Instructor: Jerrold Turney, Ph.D,
$25 members; $30 non-members
Learn how to identify and control various landscape pests and plant diseases.

COOKING:

ALEXANDRA POER SHERIDAN OF ALEXANDRA'S TABLE
Wednesday, March 12
3-5pm, Oak Room
$50 members; $60 non-members
Reservations required. Please call 626.821.4623.
Alexandra Poer Sheridan, chef/owner of the cafe and boutique Alexandra's Table located in the historic Mission District of San Gabriel, has earned a highly regarded reputation as an extraordinary caterer.

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM— WHAT HAPPENED TO THE CAT IN THE HAT IN THE GARDEN?
Wednesdays, March 5 & 19, 10:30 am. Saturday, March 15, 10:30am
See page 16 for details

FAMILY FUN CLASSES ARBORETUM ROCKS
Saturday, March 15
10am-noon, Meet at Main Entrance.
$8 per child for members; $10 per child for non-members
Must be accompanied by an adult.
Pre-registration required.
In this hands-on lesson, students will learn all about rock formations.

COLLECTIONS

PLANT INFORMATION PERFECT FLOWERING TREES FOR SOUTHERN CALIFORNIA
Wednesday, March 5
1:30-3pm; Plant Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB MAÑANA MEANS HEAVEN BY TIM Z. HERNANDEZ
Wednesday, March 5
7pm; Arboretum Library
See page 16 for details.

SANTA ANITA DEPOT TOURS
See page 16 for details.

DOCENT-LED WALKING TOURS
See page 16 for details.

ART

ART WORKSHOP
Mondays, March 3-April 21
9:30-11:30am, Oak Room
See page 16 for details.

BOTANICAL ART & ILLUSTRATION: WISTERIA
Tuesdays, March 4, 11, 18, 25
See page 16 for details.

GARDEN NIGHT PHOTOGRAPHY CLASS
Saturday, March 8
7:30-9:30pm
See page 16 for details.

IKEBANA: BASIC & ADVANCED
March 14 - May 9 (no class May 2)
Basic: 9:30-10:30am
Advanced: 10:30am-11:30pm
See page 16 for details.

FITNESS

YOGA IN THE GARDEN
Tuesday Evenings:
5:30-6:45pm;
March 4, 11, 18, 25
Thursday Mornings:
9:30-10:45am;
March 6, 13, 20, 27
Saturday, March 29;
9:15am-10:30am
See page 16 for fees and details

FOUR SEASONS OF YOGA VERNAL (SPRING) EQUINOX WORKSHOP
Saturday, March 22
9:00-10:30am
Candyce Columbus, instructor
$17 members; $20 non-members

PASADENA HUMANE SOCIETY: DOG OBEDIENCE CLASSES AT THE ARBORETUM
March 24-April 21
See page 17 for details

LOS ANGELES ENVIRONMENTAL EDUCATION FAIR: FINDING OUR WAY TO A GREENER GLOBE!
Saturday, March 8, 9am-3pm
Event Lawn and Ayres Hall
Free with admission; members free
Children, parents, families and those who educate our youth will discover the latest hands-on activities, ready-to-use lesson ideas, and useful resources that can help to promote environmental education and awareness. Join us for free workshops designed to teach families and children ways they can make the world a little greener! Visit live animals, pick-up a free pine seedling, participate in environmental challenges, and take a hike to some of the unique areas of the Arboretum. Lively entertainment with music and crafts will make this a fun-filled day for all.

APRIL AT THE ARBORETUM

EVENTS

SANTA ANITA DERBY DAY 5K
Saturday, April 5; 8am
For details, visit www.kinaneevents.com/EVENTS/SA

AMERICAN CERAMIC SOCIETY CLAY FESTIVAL & GIFT SHOW
Saturday, April 5; 9:30am-5pm
Sunday, April 6; 9:30am-4pm
Free with admission; members free
Enjoy unique, handcrafted, whimsical and one-of-a-kind artwork from local clay artists.

THE GREAT TOMATO TALK & PLANT SALE
Wednesday, April 9,
10am; Palm Room
Steve Goto, Tomato Guru
Free with admission; members free
Steve's talk on growing the perfect tomato will include his favorites for 2014! A plant sale follows.

AMERICAN BRAIN TUMOR ASSOCIATION 5K
Saturday, April 12
7-9am, Arboretum grounds
The 5K Run & Walk raises funds for brain tumor research and to support services for those living with a brain tumor diagnosis.

SPRING IRIS AND BULB SHOW & SALE
Saturday & Sunday, April 12 & 13
9am-4:30pm; Ayres Hall
Free with admission; members free
The Southern California Iris Society and Southern California Hemerocallis & Amaryllis Society present this popular iris show.

DESCANSO CHRYSANTHEMUM SHOW AND PLANT SALE
Saturday & Sunday, April 19 & 20
9am-4pm; Ayres Hall
Free with admission; members free
More than 150 varieties of rooted chrysanthemum cuttings will be available both days.

ROSE SHOW & SALE
Saturday, April 26; 1-5pm
Sunday, April 27; 9am-4pm
Ayres Hall
Free with admission; members free
The Pacific Rose Society will present grandifloras, hybrid teas, floribundas, miniatures, and new and old varieties.

EGG-CEPTIONAL CELEBRATION
Saturday, April 19, 9am-1pm; 9-10am, Early entry for Arboretum members
Regular Arboretum admission fees apply; members free
$3.00 donation for special activities
Join us for Egg Scrambles and Egg-Expeditions, make and take activities, refreshments and prizes.

COOKING

KITTY MORSE: FRESH FLAVORS OF MOROCCO
Wednesday, April 9
3-5pm, Oak Room
$50 members; $60 non-members
Reservations required. Please call 626.821.4623.
Casablanca-born cookbook author Kitty Morse will demonstrate how to plan a meal fresh from the Kasbah. The menu will include three seasonal salads, exotic cumin-scented tagines (stews) flavored with preserved lemon, couscous and a traditional pastry.

GARDENING

THURSDAY GARDEN TALKS WITH LILI SINGER
Thursdays, April 3, 10, 17, 24
See page 13 for details.

INTRODUCTION TO PLANT IDENTIFICATION
Fridays, April 11-May 9
2-4pm; Bamboo Room
Instructor: Frank McDonough
$60 members; $65 non-members
In a series of fun and hands-on activities you will learn how plants are grouped and identified.

SQUARE FOOT GARDENING WORKSHOP
Saturday, April 12
10am-1pm; Bamboo Room
Instructor: Jo Ann Carey
$25 members; $30 non-members
This technique uses only 20% of the land space of a conventional garden.

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM—FLOWERS, FLOWERS, FLOWERS EVERYWHERE!
Wednesdays, April 2 & 16; 10:30am; Saturday, April 12; 10:30am
See page 16 for details.

COLLECTIONS

PLANT INFORMATION ROSE GARDEN TOUR: LOCATION TBA
Wednesday, April 2,
1:30-3pm; Plant Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB THE ORCHARDIST: A NOVEL BY AMANDA COPLIN
Wednesday, April 2
7pm, Arboretum Library
See page 16 for details.

SANTA ANITA DEPOT TOURS
See page 16 for details.

DOCENT-LED WALKING TOURS
See page 16 for details.

ART

BOTANICAL ART & ILLUSTRATION: ARBORETUM FLORILEGIUM
Tuesdays, April 1, 8, 15, 22
See page 16 for details.

GARDEN NIGHT PHOTOGRAPHY CLASS
Saturday evening, April 12
7:30-9:30pm
See page 16 for details.

ART WORKSHOP
Mondays, April 28-June 16
9:30-11:30am, Oak Room
See page 16 for details.

FITNESS

YOGA IN THE GARDEN
Tuesday Evenings: 6:00-7:15pm
April 1, 8, 15, 22
Thursday Mornings: 9:30-10:45am
April 3, 10, 17, 24
See page 16 for details and fees.

MAY AT THE ARBORETUM

EVENTS

SPRINGTOPIA!
Saturday & Sunday, May 3 & 4
10am-3:30pm
See page 4 for details.

GERANIUM SOCIETY SHOW & SALE
Saturday & Sunday, May 10 & 11
9am-4pm; Ayres Hal
Free with admission; members free
The International Geranium Society, Los Angeles branch, presents this wonderful annual display of geraniums.

ANNUAL EPIPHYLLUM SHOW & SALE
Saturday, May 17; 9am-4pm
Sunday, May 18; 10am-4pm
9am-4pm; Ayres Hall
Free with admission; members free
Treat yourself to an enjoyable time viewing these unusual and gorgeous flowers and learning all about them.

SANTA ANITA BONSAI SHOW
Saturday-Monday, May 24-26
9am-5pm; Ayres Hall
Free with admission; members free
The Santa Anita Bonsai Society will present trees trained to look like miniature forest giants. Trees up to four feet tall such as maples, junipers and pines will be displayed.

QUEEN ANNE COTTAGE OPEN HOUSE
Sunday, May 25; Time TBA
Regular admission applies; members free
$3 suggested tour donation
This historic cottage is open to the public only twice a year. Take a spring tour though the dwelling and learn about what life was like at the Baldwin ranch during the 1880s.

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM—SSSSSSNAKES IN THE TREES
Wednesdays, May 7 & 21;
10:30 am
Saturday, May 24; 10:30 am
See page 16 for details.

BUTTERFLY BRIGADE
Saturday, May 17
10am-noon;
Meet in the Main Entrance.
$8 per child for members; $10 per child for non-members
Springtime is here and the butterflies are near! Become a junior entomologist and take home your own caterpillar to experience the metamorphosis before your very own eyes.

COLLECTIONS

PLANT INFORMATION SUMMER COLOR: WHAT TO PLANT NOW FOR 4TH OF JULY FIREWORKS
Wednesday, May 7
1:30-3pm; Plant Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB MY ÁNTONIA BY WILLA SIBERT CATHER
Wednesday, May 7
7pm; Arboretum Library
See page 16 for details.

SANTA ANITA DEPOT TOURS
See page 16 for details.

DOCENT-LED WALKING TOURS
See page 16 for details.

ART

BOTANICAL ART & ILLUSTRATION BASICS OF COMPOSITION
Tuesdays, May 6, 13, 20, 27
See page 16 for details

GARDEN NIGHT PHOTOGRAPHY CLASS
Saturday, May 10
8:00-10:00pm
See page 16 for details.

FITNESS

YOGA IN THE GARDEN
Tuesday Evenings: 6:00-7:15pm
May 6, 13, 20, 27
Thursday Mornings:
9:30-10:45am
May 1, 8, 15, 22
See page 16 for details.

PASADENA HUMANE SOCIETY: DOG OBEDIENCE CLASSES AT THE ARBORETUM
May 12-June 16
(No class May 26)
See page 17 for details.

A tour of the interior of the Queen Anne Cottage (details left) provides visitors with a look at the life and accomplishments of Elias Jackson "Lucky" Baldwin, who acquired Rancho Santa Anita in 1875. He commissioned architect Albert A. Bennett to design the cottage, which was built in 1885-86. The cottage and the Coach Barn together are listed in the National Register of Historic Places.

 Pre-registration preferred for all classes; please call 626.821.4623 or email jill.berry@arboretum.org to register.

JUNE AT THE ARBORETUM

Our first Feast at Baldwin Ranch was such a tremendous success, we're planning another on Sunday, June 1. In September, more than 140 guests dined on seasonal dishes prepared by Claud Beltran of The Eatery, Tim Guiltinan of the Raymond Restaurant, Gale Kohl of Gale's Restaurant, Alexandra Poer Sheridan of Alexandra's Table, Lalo Sanchez of Crossings and Jeffrey Haines of the Raymond. Steve Riboli and San Antonio Winery provided the wines.

EVENTS

FEAST AT BALDWIN RANCH
Sunday, June 1
5-8pm; Queen Anne Cottage Lawn
Details soon at arboretum.org

DAYLILY SHOW & PLANT SALE
Saturday & Sunday, June 7 & 8
9am-4pm; Ayres Hall
Free with admission; members free
The Southern California Hemerocallis & Amaryllis Society sponsors this annual show that features educational displays and demonstrations. Bulbs will be for sale.

PASADENA SYMPHONY & POPS
Saturdays, June 7 & 28
5:30-10pm
See page 4 for details.

FAMILY MUSIC FESTIVAL WITH THE BEACH BOYS
Sunday, June 22
2-7pm
See page 4 for details.

GARDENING

ORGANIC FRUIT & VEGETABLE GARDENING
Saturday, June 14:
12-4pm; Palm Room
See page 18 for details.

THE BOTANY OF TREES
Saturday, June 21
9:30am-12:30pm
Instructor: *Matt Ritter, Ph.D.*
$25 members; $30 non-members
This workshop, the first of three, is specially designed for homeowners. Matt Ritter, professor of biology at Cal Poly San Luis Obispo, will teach you everything you need to know about how to pick, plant, grow and understand trees.

KIDS & FAMILY

BOOKWORMS: A STORYTELLING PROGRAM—BUZZING THROUGH THE ARBORETUM
Wednesdays, June 4 & 18; 10:30am
Saturday, June 21; 10:30 am
See page 16 for details

COLLECTIONS

PLANT INFORMATION WHAT CALIFORNIA'S EARLY LANDSCAPES CAN TEACH US ABOUT TODAY'S LANDSCAPES
Wednesday, June 4
1:30-3pm; Plant Information Office
Instructor: Frank McDonough

READING THE WESTERN LANDSCAPE BOOK CLUB MAYORDOMO: CHRONICLE OF AN ACEQUIA IN NORTH NEW MEXICO BY STANLEY G. CRAWFORD
Wednesday, June 4
7pm; Arboretum Library
See page 16 for details.

SANTA ANITA DEPOT TOURS
See page 16 for details.

DOCENT-LED WALKING TOURS
See page 16 for details.

ART

BOTANICAL ART & ILLUSTRATION: FRUITS
Tuesdays, June 3, 10, 17, 24
See page 16 for details.

IKEBANA: BASIC & ADVANCED
Fridays, June 6-August 1 (no class July 4)
Basic: 9:30-10:30am
Advanced:10:30am-11:30pm
See page 16 for details.

ART WORKSHOP
Mondays, June 23-August 11
9:30-11:30am, Oak Room
See page 16 for details.

FITNESS

YOGA IN THE GARDEN
Tuesday Evenings: 6:00-7:15pm
June 3, 10, 17, 24
Thursday Mornings:
9:30-10:45am
June 5, 12, 19, 26
See page 16 for fees

FOUR SEASONS OF YOGA SUMMER SOLSTICE WORKSHOP
Saturday, June 21: 9:00-10:30am
$17 members; $20 non-members
Instructor: Candyce Columbus

THANK YOU TO OUR SUPPORTERS

The Arboretum community is made up of many individuals who share a vision of the vital role the garden plays as a place of learning, inspiration and enjoyment. We are proud to recognize these special friends, foundations and corporations who have made contributions. Thank you to all our donors and members for your continuing support.

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Ms. Joan McGuire
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Ms. Margaret Reichenbach
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The Drown Family

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The Arboretum appreciates your support. Listed here are donations received between June 1, 2013 —November 20, 2013. Benefactors are categorized based on cumulative giving for the 2013 calendar year. Please call the Development Office at 626-821-3237 and let us know if we inadvertently misspelled or omitted your name.

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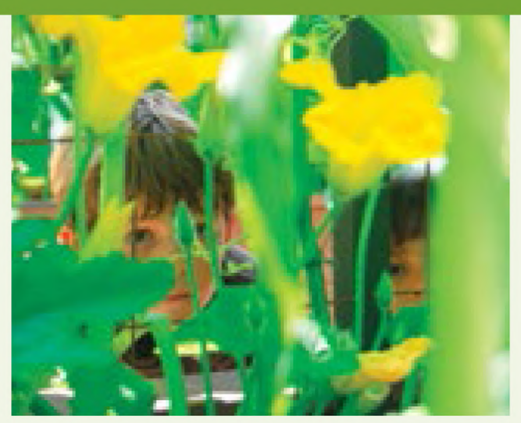
Help us grow—become a member today! Your membership provides free admission to the Arboretum and to over 270 participating gardens around the United States and Canada for a full year. You also receive discounts on selected classes, programs and events, as well as on purchases at the Garden and Gift Shop, and at participating nurseries. To become a member, visit **www.arboretum.org**, or call **Ivonne Escobedo** at **626.821.3233** or **ivonne.escobedo@arboretum.org**.



MEMORIALS & TRIBUTES

Support the Arboretum with a special gift for a loved one. You can celebrate the life of a friend or family member in the garden. To make a gift of a commemorative bench or tree in the garden as a memorial or tribute, please contact **Brittany Fabeck** at **626.821.3237** or **brittany.fabeck@arboretum.org**.

SAMUEL AYRES SOCIETY

You can create financial advantages for you and your family by making a planned gift that includes the Los Angeles Arboretum Foundation, a tax-exempt non-profit. By notifying us that you are including the Arboretum in your estate planning through a simple will, life insurance policy or trust, you become a member of the Samuel Ayres Society. For more information, please contact **Rick Larkin** at **626.821.3232** or **rick.larkin@arboretum.org**

The Arboretum
LOS ANGELES COUNTY ARBORETUM & BOTANIC GARDEN

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VISIT WWW.ARBORETUM.ORG FOR A LISTING OF THE LASTEST NEWS AND EVENTS AT THE ARBORETUM.

The Great Tomato Talk & Plant Sale at the Garden & Gift Shop

Tomato guru Steve Goto gives his "Top Picks for 2014."

Wednesday, April 9, at 10am

Back by popular demand for a 13th year! Join us for Steve's famous words of wisdom on how to grow perfect tomatoes! After the class, attend a tomato plant sale in the Gift Shop patio where you'll find a large selection of organic, heirloom tomato plants and more. Free with admission; members free.

GET INVOLVED

Volunteers provide hospitality, information and support staff to all areas of the garden. For more information about becoming a volunteer, **contact Nancy Carlton at 626.802.8471** or ***nancy.carlton@arboretum.org.***

BECOME A DOCENT

No experience necessary—just enthusiasm for plants, history and an eagerness to learn and share the knowledge. Docents are needed to lead both adult and school tours. As a docent, you will spend time learning about the Arboretum's collections and local California history. Becoming a docent is a great way to meet new friends and become an integral part of the garden.

GETTING HERE

The Arboretum is located in the city of Arcadia, just 2 miles east of Pasadena. Exit off the 210 Freeway on Baldwin Avenue and travel south. We are also accessible by Metro (*www.metro.net*). Bicycle racks are available in the parking lot. Parking is free. Handicapped parking is available.

PEACOCK CAFE

Tuesday – Sunday; 9am—4:30pm

The Fresh Gourmet staffs the Peacock Café and offers a varied selection of gourmet sandwiches, wraps, salads and special items from the grill. No picnics are allowed on the Arboretum grounds, but picnic tables are available outside the main entrance. **For large parties and catering, call 626.446.2248.**

HOURS AND ADMISSION

Open daily 9am—4:30pm
(Members enter at 8am)

$9 General Admission; Members Free
$6 Seniors, Full-time students
$4 Children 5—12
$5 Tram Ride (weekends only)

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